



November 13, 2017

DAN KOENIGS
4315 VALLEY AVENUE
RICEVILLE, IOWA 50466

SUBJECT: Animal Feeding Operation (AFO) Compliance Inspection for:
- Dan Koenigs – Oak Dale Site, County – Howard, Facility #57720

Dear Mr. Koenigs:

Attached is a copy of the report resulting from the Animal Feeding Operation (AFO) facility compliance inspection conducted on November 8, 2017.

Your attention is directed to the recommendations portion of the report.

If you have any questions, or feel this report does not represent the conditions at your facility, please call me at 563/927-2640.

The cooperation and assistance provided by you during the inspection is appreciated.

Sincerely,

Chris Gelner, Environmental Specialist
christopher.gelner@dnr.iowa.gov
Field Services and Compliance Bureau

c: -Stephen Pollard, U.S. EPA Region 7, WWP/ENF, 11201 Renner Blvd., Lenexa, KS 66219
-Ken Hessenius, FO#3, AFO Enforcement Coordinator, Spencer, IA

enc: -AFO Facility Inspection Report
-MMP Inspection Form
-Animal Feeding Operation (AFO) Regulatory Status Form
-Aerial Photos of Site

Efile: 45 AFO Riceville 57720 Dan Koenigs – Oak Dale Site 110817 Inspection csg

IOWA DEPARTMENT OF NATURAL RESOURCES AFO INSPECTION REPORT

FACILITY DESCRIPTION

FACILITY LOCATION	Facility: Dan Koenigs – Oak Dale Site			Facility ID#: 57720	
	Address: 5535 60 th Street		City: Riceville	State: IA	Zip: 50466
	PLSS: Section 35, Oak Dale Township (T100N, R14W), Howard County				
OWNER	Name: Dan Koenigs				
	Address:		City:	State:	Zip:
ANIMAL HOUSING TYPE	<input checked="" type="checkbox"/> Confinement <input type="checkbox"/> Open Lot <input type="checkbox"/> Combined (Confinement & Open Lot)				
ANIMAL INFORMATION	Animal Type(s)	Capacity	Current Head	Number of Bldgs./Pens	
	Swine – Finish	3,600	3,600	3	
	Date of Construction: 2005		Dates of Expansion: N/A		

INSPECTION INFORMATION

INSPECTION DATE	This Inspection 11/08/2017		Last Inspection: N/A	
PERSONS INTERVIEWED	Name: Dan Koenigs (available by phone)		Title: Owner	
	Name:		Title:	
NEAREST WATERCOURSE	Stream Name: Crane Creek			
	Description of Flow Path: South about 1,685 ft to Crane Creek			

COMPLIANCE SUMMARY

OBSERVATIONS	Nutrient Management: <input type="checkbox"/> CNMP <input type="checkbox"/> NMP <input checked="" type="checkbox"/> MMP <input type="checkbox"/> Other <input type="checkbox"/> No formal plan		
	Manure Stockpiling: <input type="checkbox"/> In controlled area <input type="checkbox"/> In compliance with rules <input checked="" type="checkbox"/> Not applicable – direct haul <input type="checkbox"/> Stockpiling in an uncontrolled area	Mortality Management: <input checked="" type="checkbox"/> Rendering <input type="checkbox"/> Composting <input type="checkbox"/> Incineration <input type="checkbox"/> On-site burial <input type="checkbox"/> Landfill	Runoff from Feed Storage: <input checked="" type="checkbox"/> No outdoor feed storage area <input type="checkbox"/> Discharge from feedstock storage area is controlled <input type="checkbox"/> Feed storage is located in an uncontrolled area
	Clean Water Diverted: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Discharge to a Water of the U.S. via Manmade Conveyance: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Direct Animal Contact with Waters of the U.S.: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
	Adjacent Facilities (by same owner/operator): <input type="checkbox"/> Confinement <input type="checkbox"/> Open Lot <input checked="" type="checkbox"/> None		
	Evidence of Discharges: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
	NPDES PERMIT STATUS		
COMPLIANCE STATUS	The facility, as observed during the inspection, was a Large CAFO and did not need an NPDES permit. NPDES permit is required: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No This facility appeared to be in compliance with Iowa's environmental regulations at the time of the inspection. Actual conditions may vary over time with the operation and maintenance of the facility. Facility is in compliance: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

AUTHENTICATION	Inspector: <i>Chris Olsen</i>	Date: 11/8/17	Reviewer: <i>Tom Jorgensen</i>	Date: 11/13/17
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IOWA DEPARTMENT OF NATURAL RESOURCES
AFO INSPECTION REPORT

FACILITY EVALUATION

Facility

This facility consists of (3) confinement buildings housing a capacity of 3,600 finish swine. Manure is stored in below-building pits. Manure structures were observed during the inspection and no discharge was noted. Mortalities are disposed of by rendering. Mr. Dan Koenigs was available by telephone during the inspection.

Manure Management Plan (MMP)

The MMP and manure application records were reviewed during the inspection. No deficiencies were noted.

Bulk Bins

During the facility inspection, it was noted that feed was contained in a bulk bin feed system. The bins, feed tubes and various attachments appeared to be intact and effectively containing feed. I did not observe feed spilled on the ground from feed transfer to the bins. This part of the operation should be inspected frequently as runoff water could carry spilled feed into a water of the state where it could create violations of state water quality standards. Discharge of such pollutants would potentially require a National Pollutant Discharge Elimination System (NPDES) permit.

Rendering

Dead animals are disposed of by rendering at this site. The staging area for mortality rendering pick-up was observed. This staging area appears to be a good location to prevent runoff to a water of the state or man-made conduit like a ditch, tile line or culvert that leads to a water of the state. This part of the operation should be inspected frequently as runoff water could carry leachate into a water of the state where it could create violations of state water quality standards. Discharge of such pollutants would potentially require a National Pollutant Discharge Elimination System (NPDES) permit.

Bio-Security

Prior to the inspection, bio-security was discussed with Mr. Koenigs and it was agreed upon that DNR bio-security SOP would be followed. DNR bio-security SOP was followed during the inspection.

RECOMMENDATION

- Regularly walk around the facility to monitor for discharges and needed repairs.

SUMMARY

- The facility, as observed, was considered a Large CAFO based on the capacity of animals at the animal feeding operation.
- No discharge was observed during the inspection and no evidence of past discharge was observed. No NPDES permit is required at this time.



IOWA DEPARTMENT OF NATURAL RESOURCES
ENVIRONMENTAL SERVICES DIVISION



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515-725-0268

Field Office #6
1023 W Madison
Washington IA 52353
319-653-2135

Manure Management Plan Compliance Review – Nonsales of Manure

Site Visit Date
Current: 11/08/2017
Last: N/A

Number of Animals:
3,600

Animal Units:
1,440

N-based ☒
P-based ☐

Facility Location
County: Howard

Facility ID:
57720

Facility Tier Status

	1	2	3
Pre-visit:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Post-visit:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Violation(s) Comments

Clerical Violation(s) ☐
Technical Violation(s) ☐

Facility Name Dan Koenigs – Oak Dale Site Person(s) Contacted Dan Koenigs Phone 641/985-2138

Facility Owner Information & Address Unchanged? Yes ☒ No ☐ (Database must be updated)

Address of Facility: 5535 60th Street, Riceville, Iowa 50466

Do you own or operate any other animal feeding operation within 2,500 feet? ☐ Yes ☒ No

MMP Contents		Are requirements being met for the following items?		
		Yes	No	N.A.
a.	Calculations to determine land area for application [65.17(4)]?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b.	Total nitrogen and phosphorus available, credits, application losses [65.17(5)]?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c.	Optimum crop yield, crop usage rate, and soils maps [65.17(6)]?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d.	Manure application methods and timing of application [65.17(7)]?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e.	Location of manure application and landowner agreements [65.17(8)]?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f.	Estimate of annual animal production and amount of manure produced [65.17(9)]?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g.	Methods, structures, or practices to reduce soil loss and potential surface water pollution (conservation plans for highly erodible land) [65.17(10)]?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
h.	Does P Index no. generated correspond with P Index no. in plan? [65.17(17)]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
i.	Are proper soil sampling methods being used to calculate P Index? [65.17(16)]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Records Review		Are requirements being met for the following items?		
		Yes	No	N.A.
j.	Copy of the current MMP [65.17(12)]?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
k.	Records kept for 5* years (or crop rotation if longer) maintained [65.17(13)]?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
l.	Methods of application [65.17(13)a)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
m.	Dates when manure was applied [65.17(13)b)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
n.	Location of manure application and number of acres [65.17(13)c)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
o.	Manure application rate [65.17(13)c)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
p.	Statement of Intent for fields not owned or rented [65.17(13)e]	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Field Observations of Manure Storage/Handling/Application & Animal Disposal		Are requirements being met for the following items?		
		Yes	No	N.A.
q.	Manure storage structures appear to be properly operated & maintained [65.2&65.15]?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
r.	Dead animals disposed of properly [567 IAC 100.4(455B) & Code of Iowa 167.18]? Type: Compost <input type="checkbox"/> Incinerator <input type="checkbox"/> Burial <input type="checkbox"/> Rendering <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Discussion Items:		Were the following items discussed?		
		Yes	No	N.A.
s.	Manure release notification made within 6 hours [65.2(9)]?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
t.	Deficiencies, violations, and tier status?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
u.	Recommendations, improvements, environmental issues?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
v.	Manure applicator is certified [65.19]? Applicator name/number:	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
w.	Proper manure application [65.3(2)-(3)]?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments Manure application is conducted during the fall by Ag Liquid, LLC – CMS 1262.

SPECIALIST NAME Chris Gelner 056 ON-SITE CONTACT Dan Koenigs DATE 11/08/2017



Animal Feeding Operation (AFO) Regulatory Status

Facility Name: Dan Koenigs – Oak Dale Site Facility ID: 57720 County: Howard

- ☐ Large CAFO – Discharging – NPDES Permit Required
- ☒ Large CAFO – No discharge – No NPDES Permit Required
- ☐ Large CAFO – Has NPDES Permit
- ☐ Medium CAFO – NPDES Permit Required
- ☐ Medium AFO – No NPDES Required
- ☐ Medium AFO – Has NPDES Permit
- ☐ Designated CAFO – NPDES Permit Required
- ☐ Small AFO – No NPDES Permit Required

This determination was made based on conditions and observations made at the time of the inspection on 11/08/2017. Please note that the regulatory status of the facility can change if conditions at the facility change or are different from those documented during the inspection.

Inspector: Chin Belin Date: 11/8/17

Regulatory Definitions of Large CAFOs, Medium CAFOs, and Small CAFOs

These regulatory definitions are from the Code of Federal Regulations (CFR), implementing the federal Clean Water Act.

A **Large CAFO** confines at least the number of animals described in the table below.

A **Medium CAFO** falls within the size range in the table below and either:

- “(A) Pollutants are discharged into waters of the United States through a man-made ditch, flushing system, or other similar man-made device; or
- (B) Pollutants are discharged directly into waters of the United States which originate outside of and pass over, across, or through the facility or otherwise come into direct contact with the animals confined in the operation.” 40 CFR 122.23(b)(6)(ii)

If an operation is found to be a significant contributor of pollutants to waters of the United States, the permitting authority may designate a medium-sized facility as a CAFO as provided in 40 CFR 122.23(c).

A **Small CAFO** confines the number of animals listed in the table and has been designated as a CAFO by the permitting authority after determining that it is a significant contributor of pollutants to waters of the United States as provided in 40 CFR 122.23(c).

Animal Sector	Size Thresholds (number of animals)		
	Large CAFOs	Medium CAFOs	Small CAFOs
cattle or cow/calf pairs	1,000 or more	300 – 999	less than 300
mature dairy cattle	700 or more	200 – 699	less than 200
veal calves	1,000 or more	300 – 999	less than 300
swine (weighing over 55 pounds)	2,500 or more	750 -2,499	less than 750
swine (weighing less than 55 pounds)	10,000 or more	3,000 – 9,999	less than 3,000
horses	500 or more	150 – 499	less than 150
sheep or lambs	10,000 or more	3,000 – 9,999	less than 3,000
turkeys	55,000 or more	16,500 – 54,999	less than 16,500
chickens other than laying hens (other than a liquid manure handling system)	125,000 or more	37,500 – 124,999	less than 37,500
laying hens (other than a liquid manure handling system)	82,000 or more	25,000 – 81,999	less than 25,000

Dan Koenigs – Oak Dale Site
5535 60th Street
Riceville, Iowa 50466
Facility ID# 57720

